

Patent
62478-4100

IN THE CLAIMS:

1. (Previously Presented) An editing server included in an audio/video (AV) editing system, which includes a plurality of clients that are connected via a network to the editing server, the editing server including:

5 editing information receiving means for receiving editing information from a client out of the plurality of clients via the network, wherein the editing information specifies at least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (a) a combining of each specified frame, and (b) an addition of a special effect to each specified frame;

10 AV stream obtaining means for obtaining each specified AV stream;
editing means for performing the editing operation for the obtained AV streams in accordance with the received editing information; and
transmitting means for transmitting each AV stream, for which the editing operation has been performed, to the client via the network.

15 2. (Original) The editing server of claim 1, further including
AV stream storing means for storing at least one AV stream,
wherein when the received editing information specifies at least two AV streams, at least two video frames in the at least two AV streams, and the combining as the editing operation, the AV stream obtaining means reads the at least two specified AV streams from the
20 AV stream storing means, and

Patent
62478-4100

wherein the editing means performs the editing operation by combining the at least two specified video frames contained in the at least two read AV streams to generate an AV stream.

3. (Original) The editing server of claim 2,

5 wherein as a result of the combining, the editing means generates a combined video frame, and reduces a resolution of the combined video frame.

4. (Currently Amended) The editing server of claim ~~[[1]]~~ 30, further including comprising:

10 an AV stream storing means ~~for storing unit operable to store~~ at least one AV stream,

wherein when the received editing information specifies the addition as the editing operation, the AV stream obtaining ~~means~~ unit reads the at least one specified AV stream from the AV stream storing ~~means~~ unit, and

15 wherein the editing ~~means~~ unit performs the editing operation by adding a special effect to each specified frame contained in the at least one read AV stream.

5. (Currently Amended) The editing server of claim ~~[[1]]~~ 30,

wherein when the received editing information specifies the addition as the editing operation, the AV stream obtaining ~~means~~ unit receives the at least one specified AV stream from the client who sends the editing information, and

Patent
62478-4100

wherein the editing means unit performs the editing operation by adding a special effect to each specified frame contained in the at least one received AV stream.

6. (Currently Amended) An audio-video (AV) editing system which comprises the editing server of claim ~~[[1]]~~ 30 and a plurality of clients that are connected via a network to the
5 editing server,

wherein the plurality of clients each include:

editing information generating means ~~for generating~~ unit operable to generate editing information, which specifies at least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (a) a combining of
10 each specified frame and (b) an addition of a special effect to each specified frame;

~~an~~ editing information transmitting means ~~for transmitting~~ unit operable to transmit the generated editing information to the editing server;

~~a~~ stream receiving means ~~for receiving~~ unit operable to receive an AV stream, for which the editing operation has been performed, from the editing server; and

15 ~~a~~ reproducing means ~~for reproducing~~ unit operable to reproduce the received AV stream.

7-17. (Cancelled)

18. (Previously Presented) An editing method used by an editing server included in an audio/video (AV) editing system, which includes a plurality of clients that are connected via a
20 network to the editing server, the editing method including:

62478.41000HARENURY464747

4

Patent
62478-4100

an editing information receiving step for receiving editing information from a client out of the plurality of clients via the network, wherein the editing information specifies at least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (a) a combining of each specified frame, and (b) an addition of a special effect to each specified frame;

an AV stream obtaining step for obtaining each specified AV stream;

an editing step for performing the editing operation for the obtained AV streams in accordance with the received editing information; and

a transmitting step for transmitting each AV stream, for which the editing operation has been performed, to the client via the network.

19-21. (Cancelled)

22. (Previously Presented) A computer-readable recording medium which stores a program to have a server computer perform editing, wherein the server computer is included in an audio/video (AV) editing system, which includes a plurality of client computers that are connected via a network to the server computer, the editing including:

an editing information receiving step for receiving editing information from a client computer out of the plurality of client computers via the network, wherein the editing information specifies at least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (a) a combining of each specified frame, and (b) an addition of a special effect to each specified frame;

an AV stream obtaining step for obtaining each specified AV stream;

62478.4100/CHAREN/BRV464747

Patent
62478-4100

an editing step for performing the editing operation for the obtained AV streams
in accordance with the received editing information; and

a transmitting step for transmitting each AV stream, for which the editing
operation has been performed, to the client computer via the network.

5 23-25. (Cancelled)

26. (Previously Presented) A system to edit an audio/video (AV) stream, comprising:
a plurality of editing clients in communication with a network; and
an edit server in communication with the network, wherein the edit server is in
communication with each of the editing clients via the network, and wherein the edit server is
10 configured to:

store a first AV stream received from a first editing client,
store a second AV stream received from a second editing client,
receive instructions from the first editing client for editing the first AV stream,
receive instructions from the second editing client for editing the second AV
15 stream,
edit the first AV stream according to the instructions received from the first
editing client,
edit the second AV stream according to the instructions received from the second
editing client
20 combine the edited first AV stream with the edited second AV stream to form a
combined AV stream, and

62478.4100CHARETURV464747

Patent
62478-4100

transmit the combined AV stream to the first editing client and the second editing client.

27. (Previously Presented) An apparatus configured to edit an audio/video (AV) stream, comprising:

5 an edit server in communication with a first editing client and a second editing client via a network, wherein the edit server is configured to:

store a first AV stream received from the first editing client,

store a second AV stream received from the second editing client,

receive instructions from the first editing client for editing the first AV stream,

10 receive instructions from the second editing client for editing the second AV stream,

edit the first AV stream according to the instructions received from the first editing client,

15 edit the second AV stream according to the instructions received from the second editing client

combine the edited first AV stream with the edited second AV stream to form a combined AV stream, and

transmit the combined AV stream to the first editing client and the second editing client.

20

62478-4100CHARENRYV4647

7

Patent
62478-4100

28. (Previously Presented) A computer-implemented method to edit an audio/video (AV) stream, comprising:

storing, in an edit server, a first AV stream received from a first editing client in communication with the edit server via a network;

5 storing, in the edit server, a second AV stream received from a second editing client in communication with the edit server via the network;

receiving, by the edit server, instructions from the first editing client for editing the first AV stream;

receiving, by the edit server, instructions from the second editing client for editing
10 the second AV stream;

editing, by the edit server, the first AV stream according to the instructions received from the first editing client,

editing, by the edit server, the second AV stream according to the instructions received from the second editing client

15 combining, by the edit server, the edited first AV stream with the edited second AV stream to form a combined AV stream, and

transmitting, by the edit server, the combined AV stream to the first editing client and the second editing client.

62478-4100-ORARENRY-454747

8

BEST AVAILABLE COPY

62478-4100

of:

5 communication with the edit server via a network;

client in communication with the edit server via the network;

the first AV stream;

the second AV stream:

received from the first editing client.

15 received from the second editing client

AV stream to form a combined AV stream, and

and the second editing client.

20

Patent
62478-4100

30. (New) An editing server included in an audio/video (AV) editing system, which includes a plurality of clients that are connected via a network to the editing server, the editing server comprising:

an editing information receiving unit operable to receive editing information from
5 a client out of the plurality of clients via a network, wherein the editing information specifies at least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (1) a combining of each specified frame, and (2) an addition of a special effect to each specified frame;

an AV stream obtaining unit operable to obtain each specified AV stream;
10 an editing unit operable to perform the editing operation for the obtained AV streams in accordance with the received editing information;

a transmitting unit operable to transmit each AV stream, for which the editing operation has been performed, to the client via a network; and

an AV stream storing unit operable to store at least one AV stream,
15 wherein when the received editing information specifies at least two AV streams, at least two video frames in the at least two AV streams, and the combining as the editing operation, the AV stream obtaining unit reads the at least two specified AV streams from the AV stream storing unit,

wherein the editing unit performs the editing operation by combining the at least
20 two specified video frames contained in the at least two read AV streams to generate a combined video frame,

wherein the editing unit includes:

62478.410010HARENRV464747

Patent
62478-4100

a size reducing subunit operable to reduce a resolution of the combined video frame, and

wherein the transmitting unit transmits the combined video frame, the resolution of which is reduced, to the client via a network.

- 5 31. (New) An editing method used by an editing server of an audio/video (AV) editing system, which includes a plurality of clients that are connected via a network to the editing server, the editing method comprising:
- an editing information receiving step for receiving editing information from a client out of the plurality of clients via a network, wherein the editing information specifies at
- 10 least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (1) a combining of each specified frame, and (2) an addition of a special effect to each specified frame;
- an AV stream obtaining step for obtaining each specified AV stream;
- an editing step for performing the editing operation for the obtained AV streams
- 15 in accordance with the received editing information;
- a transmitting step for transmitting each AV stream, for which the editing operation has been performed, to the client via a network; and
- an AV stream storing step for storing at least one AV stream,
- wherein when the received editing information specifies at least two AV streams,
- 20 at least two video frames in the at least two AV streams, and the combining as the editing operation, the AV stream obtaining step reads the at least two specified AV streams stored in the AV stream storing step,

62478.4100CHARENTRYV64747

Patent
62478-4100

wherein the editing step performs the editing operation by combining the at least two specified video frames contained in the at least two read AV streams to generate a combined video frame,

wherein the editing step includes:

5 a size reducing sub-step for reducing a resolution of the combined video frame,
and

wherein the transmitting step transmits the combined video frame, the resolution of which is reduced, to the client via a network.

32. (New) A program recording medium which is readable by a server computer of
10 an audio/video (AV) editing system including a plurality of client computers that are connected via a network to the server computer, a computer program embodied on the program recording medium has the server computer conduct the steps of:

an editing information receiving step for receiving editing information from a client out of the plurality of clients via a network, wherein the editing information specifies at
15 least one AV stream, at least one frame contained in the at least one AV stream, and an editing operation which contains at least one of (1) a combining of each specified frame, and (2) an addition of a special effect to each specified frame;

an AV stream obtaining step for obtaining each specified AV stream;

an editing step for performing the editing operation for the obtained AV streams
20 in accordance with the received editing information;

a transmitting step for transmitting each AV stream, for which the editing operation has been performed, to the client via a network; and

62478A1000CHARBURNV464747

Patent
62478-4100

an AV stream storing step for storing at least one AV stream,

wherein when the received editing information specifies at least two AV streams,
at least two video frames in the at least two AV streams, and the combining as the editing
operation, the AV stream obtaining step reads the at least two specified AV streams stored in the

5 AV stream storing step,

wherein the editing step performs the editing operation by combining the at least
two specified video frames contained in the at least two read AV streams to generate a combined
video frame,

wherein the editing step includes:

10 a size reducing sub-step for reducing a resolution of the combined video frame,

and

wherein the transmitting step transmits the combined video frame, the resolution
of which is reduced, to the client via a network.